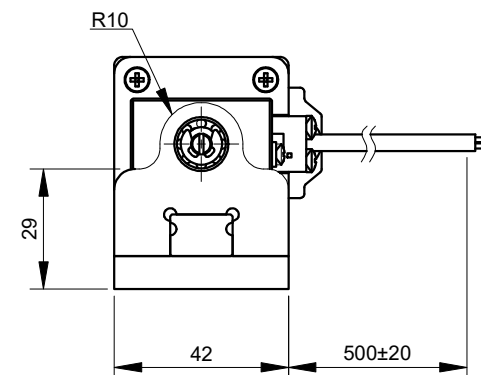
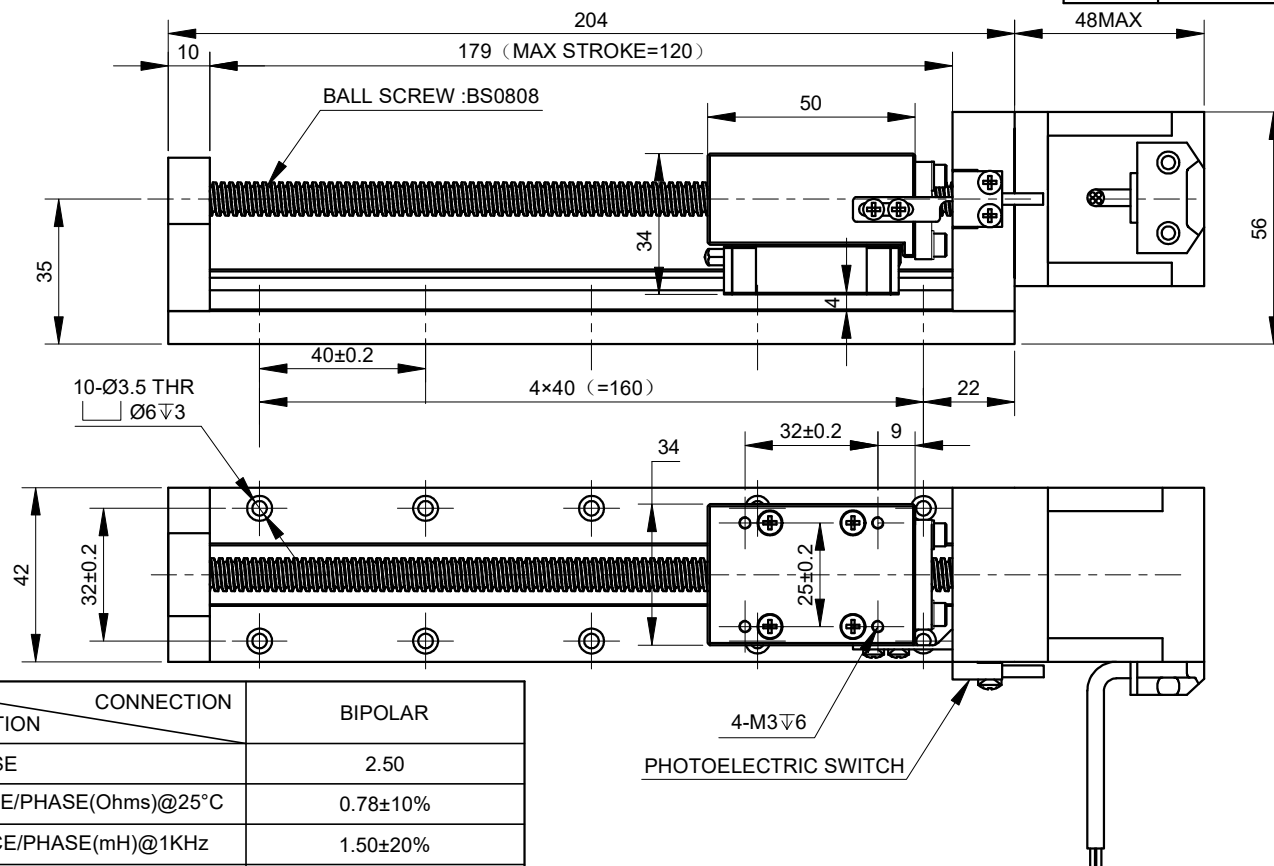


00670	DWG NO.	LMD17S19BMB25-120	MODEL NO.
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CUSTOMER'S MODEL: NO MODEL
END COVER COLOR: BLACK

REV.	REVISION RECORD	BY	DATE
0	ORIGIN	LDJ	4.20.2026



PHOTOELECTRIC SWITCH SEQUENCE		
PIN NO	BIPOLAR	LEADS
1	+5~24V	BRN
2	GND	BLU
3	SIGNAL LINE	BLK
4	N/A	WHT

MOTOR CONNECTION			
PIN NO	BIPOLAR	LEADS	WINDING
1	A+	RED	
2	A-	RED/WHT	
3	B+	GRN	
4	B-	GRN/WHT	

SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		2.50
RESISTANCE/PHASE(Ohms)@25°C		0.78±10%
INDUCTANCE/PHASE(mH)@1KHz		1.50±20%
HOLDING TORQUE(Nm)[lb-in]		0.50[4.43]
MAXIMUM THRUST(N)		165
STEP ANGLE(°)		1.80
STEP ACCURACY(NON-ACCUM)		±5.00%
LEAD(mm)[in]		8.00[0.3150]
LINEAR TRAVEL/STEP(mm)[in]		0.04[0.0016]
RATED LOAD CAPACITY(N)		145
MAX SPEED(mm/s)		240
POSITION ACCURACY(mm)		±0.02
AMBIENT TEMPERATURE		-20°C~50°C[-4°F~122°F]
INSULATION CLASS		B 130°C[266°F]
TEMPERATURE RISE		MAX.80°C

COMMENT:
1.TMBF 6000h OR MORE @ 24V/300RPM
2.INSULATION RESISTANCE
(NORMAL TEMPERATURE AND HUMIDITY): 100 Mohm
3.DIELECTRIC STRENGTH 500VAC FOR 1MIN.
(BETWEEN THE MOTOR COILS AND THE MOTOR CASE)

FULL STEP 2 PHASE-Ex.,WHEN FACING MOUNTING END (X)					DIMENSIONS ARE IN MILLIMETERS.	
STEP	A+	B+	A-	B-	DECIMALS	ANGLES
1	+	+	-	-	X ±0.5	±2°
2	-	+	+	-	X.X ±0.25	
3	-	-	+	+	X.XX ±0.13	
4	+	-	-	+		

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HEREIN BE USED BY OR DISCLOSED TO
OTHERS UNLESS EXPRESSLY AUTHORIZED IN
BY WRITING STEPPERONLINE.

SIGNATURE		DATE
DRN	LJ	4.20.2026
APVD	ZPJ	4.20.2026

STEPPERONLINE®

LINEAR ACTUATORS

LMD17S19BMB25-120

REV.	0	SCALE	1:1	DWG NO.	A2670
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